Planetary Analog Site Evaluation Card

Last Rated: 01 Nov 2007 (J, Matthews, D.Magruder, M.Bualat)

SITE Great Sand Dunes - NV

POC BLM, Needles Field Office

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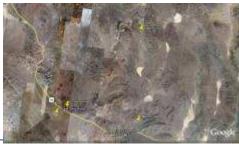
LOCATION Country: USA State: California

Coordinates: 3638'49.99"N, 11634'39.65"W

Elevation: 2500ft.

Nearest Airfield: Las Vegas, NV Distance: 70 miles

Map:





DESCRIPTION:

Environment: Amargosa Desert

Facility: N/A Crew: N/A

Experiments: N/A Vehicles: N/A Open: Year-round

HISTORY

NASA Involvement: No prior involvement

External Partners: N/A

FIGURES	OF MERIT Site	value: 1 (low) to 5 (high	gh)
Aspect	Details	Comment	1-5
EXPLORATIO)N		
Environment	T, P, RH, Insolation, Radiation,	Mojave Desert	
Topography	Available Area / Traverse Range	>6sq. mi.	4
	Slopes	varied grades	4
Terrain	Block/Particle Size & Shape Distrib	sand	2
	Physical Properties	Loose	2
	Vegetation	varied	3
Subsurface	Structure (Layered, Massive,)		
SCIENCE			
Geology	Composition (Mineral., Geochem.)		
	Features (Surface, Subsurface)		
	Processes (Impact, Volcanism,)		
Biology	Astrobiology (Extremophiles,)		
ACCESS			
Logistics	Airport (Major)	Vegas	3
	Road	dirt road	3
	Logistics Infrastructure Base Site	N/A	1
	Water & Food	Beatty, NV (25 miles)	3
	Power	N/A	
	Comms	N/A	
	Lodging	Beatty, NV (25miles)	3
	Vehicles	SUVs, Rental OK	3
	Waste Disposal	no on site service	2
	Weather (T Range, Rain?)	60,70 <t<80,100 f<="" td=""><td>3</td></t<80,100>	3
Safety	Search & Rescue	N/A	2
	Medical Support, Hospital	Beatty, NV (25 miles)	2
Security	Controlled Access	Public access	2
E/PO - PA	Education	N/A	
	Public Outreach - Visual Appeal	N/A	
	Media	N/A	
Permits	Access & Land Use Permits	BLM	3
Partners	Partner Organizations / Leveraging	N/A	1
References	Maps, GIS Data, Publications	Some data	2

EVALUATION SUMMARY

Non-secure, public access. No on-site infrastrucure.

Dry weather. Low cost.